

## Report of Analysis

|                    |                       |                 |                  |
|--------------------|-----------------------|-----------------|------------------|
| Client:            | PSEG                  | Date Collected: | 11/07/25         |
| Project:           | PSEG Moorestown HQ    | Date Received:  | 11/07/25         |
| Client Sample ID:  | MOO-25-0314-0316-COMP | SDG No.:        | Q3590            |
| Lab Sample ID:     | Q3590-01              | Matrix:         | SOIL             |
| Analytical Method: | 8270E                 | % Solid:        | 84.1             |
| Sample Wt/Vol:     | 5.04 g                | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3541                |                 |                  |
|                    | Level: LOW            |                 |                  |
|                    | Final Vol: 1000 uL    |                 |                  |
|                    | Prep Date: 11/11/25   |                 |                  |

| CAS Number     | Parameter                   | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Date Ana.      | Prep BatchID |
|----------------|-----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| <b>TARGETS</b> |                             |       |      |    |      |            |       |                |              |
| 100-52-7       | Benzaldehyde                | 2.30  | U    | 1  | 1.10 | 2.30       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 108-95-2       | Phenol                      | 1.20  | U    | 1  | 0.16 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1.20  | U    | 1  | 0.17 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 95-57-8        | 2-Chlorophenol              | 1.20  | U    | 1  | 0.17 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 95-48-7        | 2-Methylphenol              | 1.20  | U    | 1  | 0.21 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.20  | U    | 1  | 0.27 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 98-86-2        | Acetophenone                | 1.20  | U    | 1  | 0.21 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 65794-96-9     | 3+4-Methylphenols           | 2.30  | U    | 1  | 0.29 | 2.30       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 0.57  | U    | 1  | 0.34 | 0.57       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 67-72-1        | Hexachloroethane            | 1.20  | U    | 1  | 0.12 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 98-95-3        | Nitrobenzene                | 1.20  | U    | 1  | 0.13 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 78-59-1        | Isophorone                  | 1.20  | U    | 1  | 0.23 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 88-75-5        | 2-Nitrophenol               | 1.20  | U    | 1  | 0.41 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 105-67-9       | 2,4-Dimethylphenol          | 1.20  | U    | 1  | 0.46 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1.20  | U    | 1  | 0.22 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 120-83-2       | 2,4-Dichlorophenol          | 1.20  | U    | 1  | 0.20 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 91-20-3        | Naphthalene                 | 1.20  | U    | 1  | 0.16 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 106-47-8       | 4-Chloroaniline             | 1.20  | U    | 1  | 0.25 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 87-68-3        | Hexachlorobutadiene         | 1.20  | U    | 1  | 0.18 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 105-60-2       | Caprolactam                 | 2.30  | U    | 1  | 0.37 | 2.30       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.20  | U    | 1  | 0.20 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 91-57-6        | 2-Methylnaphthalene         | 1.20  | U    | 1  | 0.18 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 77-47-4        | Hexachlorocyclopentadiene   | 2.30  | U    | 1  | 0.82 | 2.30       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.20  | U    | 1  | 0.14 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.20  | U    | 1  | 0.21 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 92-52-4        | 1,1-Biphenyl                | 1.90  |      | 1  | 0.15 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 91-58-7        | 2-Chloronaphthalene         | 1.20  | U    | 1  | 0.16 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 88-74-4        | 2-Nitroaniline              | 1.20  | U    | 1  | 0.34 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 131-11-3       | Dimethylphthalate           | 1.20  | U    | 1  | 0.19 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 208-96-8       | Acenaphthylene              | 1.20  | U    | 1  | 0.20 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 606-20-2       | 2,6-Dinitrotoluene          | 1.20  | U    | 1  | 0.24 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 99-09-2        | 3-Nitroaniline              | 1.20  | U    | 1  | 0.33 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 83-32-9        | Acenaphthene                | 1.20  | U    | 1  | 0.15 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 51-28-5        | 2,4-Dinitrophenol           | 2.30  | U    | 1  | 1.60 | 2.30       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 100-02-7       | 4-Nitrophenol               | 2.30  | U    | 1  | 0.76 | 2.30       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 132-64-9       | Dibenzofuran                | 1.20  | U    | 1  | 0.16 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 121-14-2       | 2,4-Dinitrotoluene          | 1.20  | U    | 1  | 0.35 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 84-66-2        | Diethylphthalate            | 1.20  | U    | 1  | 0.20 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 7005-72-3      | 4-Chlorophenyl-phenylether  | 1.20  | U    | 1  | 0.19 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 86-73-7        | Fluorene                    | 1.20  | U    | 1  | 0.18 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 100-01-6       | 4-Nitroaniline              | 1.20  | U    | 1  | 0.45 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 534-52-1       | 4,6-Dinitro-2-methylphenol  | 2.30  | U    | 1  | 0.73 | 2.30       | mg/Kg | 11/12/25 01:25 | PB170478     |

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| Client Sample ID:  | MOO-25-0314-0316-COMP | SDG No.:        | Q3590            |
| Lab Sample ID:     | Q3590-01              | Matrix:         | SOIL             |
| Analytical Method: | 8270E                 | % Solid:        | 84.1             |
| Sample Wt/Vol:     | 5.04 g                | Test:           | SVOC-TCL BNA -20 |
| Prep Method :      | SW3541                | Level:          | LOW              |
|                    |                       | Final Vol:      | 1000 uL          |
|                    |                       | Prep Date:      | 11/11/25         |

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|------------|----------------------------|-------|------|----|------|------------|-------|----------------|--------------|
| 86-30-6    | n-Nitrosodiphenylamine     | 1.20  | U    | 1  | 0.23 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.20  | U    | 1  | 0.20 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 118-74-1   | Hexachlorobenzene          | 1.20  | U    | 1  | 0.18 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 1912-24-9  | Atrazine                   | 1.20  | U    | 1  | 0.24 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 87-86-5    | Pentachlorophenol          | 2.30  | U    | 1  | 0.36 | 2.30       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 85-01-8    | Phenanthrene               | 1.20  | U    | 1  | 0.15 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 120-12-7   | Anthracene                 | 1.20  | U    | 1  | 0.24 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 86-74-8    | Carbazole                  | 1.20  | U    | 1  | 0.22 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 84-74-2    | Di-n-butylphthalate        | 1.20  | U    | 1  | 0.34 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 206-44-0   | Fluoranthene               | 2.90  |      | 1  | 0.21 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 129-00-0   | Pyrene                     | 1.20  | U    | 1  | 0.25 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 85-68-7    | Butylbenzylphthalate       | 1.20  | U    | 1  | 0.51 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 91-94-1    | 3,3-Dichlorobenzidine      | 2.30  | U    | 1  | 0.26 | 2.30       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 56-55-3    | Benzo(a)anthracene         | 0.56  | J    | 1  | 0.16 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 218-01-9   | Chrysene                   | 1.10  | J    | 1  | 0.14 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.20  | U    | 1  | 0.42 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 117-84-0   | Di-n-octyl phthalate       | 2.30  | U    | 1  | 0.61 | 2.30       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 205-99-2   | Benzo(b)fluoranthene       | 1.10  | J    | 1  | 0.13 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 207-08-9   | Benzo(k)fluoranthene       | 0.49  | J    | 1  | 0.16 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 50-32-8    | Benzo(a)pyrene             | 1.20  | U    | 1  | 0.21 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 1.20  | U    | 1  | 0.21 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 53-70-3    | Dibenzo(a,h)anthracene     | 1.20  | U    | 1  | 0.19 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 191-24-2   | Benzo(g,h,i)perylene       | 1.20  | U    | 1  | 0.18 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.20  | U    | 1  | 0.18 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 123-91-1   | 1,4-Dioxane                | 1.20  | U    | 1  | 0.32 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 1.20  | U    | 1  | 0.19 | 1.20       | mg/Kg | 11/12/25 01:25 | PB170478     |

### SURROGATES

|            |                      |      |  |          |     |          |
|------------|----------------------|------|--|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 77.6 |  | 10 - 105 | 52% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 78.8 |  | 10 - 103 | 53% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 59.0 |  | 10 - 108 | 59% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 62.7 |  | 10 - 108 | 63% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 90.8 |  | 10 - 116 | 61% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 39.5 |  | 10 - 109 | 39% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |
|------------|------------------------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 62600  |
| 1146-65-2  | Naphthalene-d8         | 204000 |
| 15067-26-2 | Acenaphthene-d10       | 81000  |
| 1517-22-2  | Phenanthrene-d10       | 93700  |
| 1719-03-5  | Chrysene-d12           | 144000 |
| 1520-96-3  | Perylene-d12           | 155000 |

### TENTATIVE IDENTIFIED COMPOUNDS

|             |                                    |      |   |      |       |
|-------------|------------------------------------|------|---|------|-------|
| 004889-83-2 | Bicyclo[3.1.1]hept-2-ene, 3,6,6-tr | 2000 | J | 6.15 | ug/Kg |
| 000526-73-8 | Benzene, 1,2,3-trimethyl-          | 2000 | J | 6.70 | ug/Kg |

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|--------------|------------------------------------|-------|------|----|-----|------------|-------|-----------|--------------|
| 001074-43-7  | Benzene, 1-methyl-3-propyl-        | 2200  | J    |    |     | 7.15       | ug/Kg |           |              |
| 000934-80-5  | Benzene, 4-ethyl-1,2-dimethyl-     | 1100  | J    |    |     | 7.19       | ug/Kg |           |              |
| 000091-17-8  | Naphthalene, decahydro-            | 1900  | J    |    |     | 7.27       | ug/Kg |           |              |
| 1000152-47-3 | trans-Decalin, 2-methyl-           | 1100  | J    |    |     | 7.67       | ug/Kg |           |              |
| 001680-51-9  | Naphthalene, 1,2,3,4-tetrahydro-6- | 2200  | J    |    |     | 8.66       | ug/Kg |           |              |
| 004175-54-6  | Naphthalene, 1,2,3,4-tetrahydro-1, | 4500  | J    |    |     | 8.99       | ug/Kg |           |              |
| 004575-46-6  | Benzene, 1-cyclohexyl-3-methyl-    | 1800  | J    |    |     | 9.55       | ug/Kg |           |              |
| 000128-39-2  | Phenol, 2,6-bis(1,1-dimethylethyl) | 12100 | J    |    |     | 9.59       | ug/Kg |           |              |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products